

Substitute for Form 1449 A & B/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

| | |
|------------------------|-----------------|
| Application Number | 09/918,508 |
| Confirmation Number | 3296 |
| Filing Date | August 01, 2001 |
| First Named Inventor | Tatsuo KAKIMOTO |
| Art Unit | 1645 |
| Examiner Name | Unknown |
| Attorney Docket Number | Q65478 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
| | | Number | Kind Code ² (if known) | | |
| RKH | | US 6,077,682 | A | 06-20-2000 | Inouye et al. |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |

RECEIVED

DEC 1 2002

TECH CENTER 1600/2900

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
|--------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
| RKH | | EP | 0 892 063 | A2 | 01-20-1999 | SmithKline Beecham Corp. | |
| RKH | | WO | 99/36508 | A1 | 07-22-1999 | SmithKline Beecham Corp. | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
|--------------------|-----------------------|--|--------------------------|
| RKH | | T. Kakimoto, "Cytokinin signaling", Current Opinion in Plant Biology, Quadrant Subscription Services, GB, Vol. 5, No. 1, 1998, pp. 399-403 (Abstract XP-001079011) | |
| RKH | | M. Estelle, "Cytokinin action: Two receptors better than one?", Current Biology, Current Science, GB, Vol. 16, No. 8, 1998, pp. R539-R541 (Abstract XP-001071265) | |
| RKH | | KULAEVA et al., "A new family of cytokinin receptors from Cereales", FEBS Letters, Vol. 423, No. 2, February 20, 1998, pp. 239-242 (Abstract XP-002212288) | |
| | | | |
| | | | |

Examiner Signature

Rachel K. Himmelfarb

Date Considered

9/21/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

| | | | |
|---|------------------------|----------------------|-----------------|
| Substitute for Form 1449 A & B/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Application Number | 09/918,508 |
| | | Confirmation Number | 3296 |
| | | Filing Date | August 01, 2001 |
| | | First Named Inventor | Tatsuo KAKIMOTO |
| | | Art Unit | 1645 |
| | | Examiner Name | Unknown |
| Sheet 1 of 1 | Attorney Docket Number | Q65478 | |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
| | | Number | Kind Code ² (if known) | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |

RECEIVED
 AUG 26 2002
 TECH CENTER 1600/2900

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
|---|-----------------------|--|--------------------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
| RKH | | T. Inoue et al., "Identification of CRE1 as a cytokinin receptor from Arabidopsis", Nature, Vol. 409, No. 6823, (February 22, 2001), pp. 1060-1063 with Abstract XP-002199637. | |
| RKH | | A. P Mahonen et al., "A novel two-component hybrid molecule regulates vascular morphogenesis of the Arabidopsis root", Genes & Development, Vol. 14, No. 23, (December 1, 2001), pp. 2938-2943. | |
| RKH | | T. Kakimoto, "CK11, a Histidine Kinase Homolog Implicated in Cytokinin Signal Transduction", Science, American Association for the Advancement of Science, Vol. 274, (November 8, 1996), pp. 982-985. | |
| | | | |
| | | | |

| | | | |
|--------------------|-----------------------------|-----------------|---------|
| Examiner Signature | <i>Ronald K. Himmelfarb</i> | Date Considered | 9/21/04 |
|--------------------|-----------------------------|-----------------|---------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

Form PTO-1449
(Rev. 2-32)

U.S. Department of Commerce
Patent & Trademark Office

Atty. Docket No.

Q65478

Serial No.: 09/918,508

Confirmation No.: 3296

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

Applicant: Tatsuo KAKIMOTO, et al.

Filing Date:
August 01, 2001

Group:
1645

NOV 05 2001

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Sub-Class | Filing Date (if appropriate) |
|------------------|-----------------|------|------|-------|-----------|------------------------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Document | Date | Country | Class | Sub-class | Translation Yes/No |
|----------|------|---------|-------|-----------|--------------------|
| | | | | | |
| | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|-----|---|
| RKH | KAKIMOTO et al., "2SF4 Roles of histidine kinases in cytokinin signal transduction", <i>Biophysics The biophysical Society of Japan</i> , Vol. 40, Supplement 1, August 5, 2000, p. S111, with English translation and accompanying Declaration |
| | INOUE et al., "WID3 A study on cytokinin signal transduction", <i>Program Workshop Abstracts of the 23rd Annual Meeting of The Molecular Biology Society of Japan</i> , December 2000, p. 259, with English translation and accompanying Declaration. |
| | MACHIDA et al., "WID-6 Plant cell growth controlled by the MAP kinase cascade mediated by NPK1 MAPKKK", <i>Program Workshop Abstracts of the 23rd Annual Meeting of The Molecular Biology Society of Japan</i> , December 2000, p. 259, with English translation and accompanying Declaration. |
| | INOUE et al., "4PC-312 Mutation in the histidine kinase gene T23K3.2 causes cytokinin-insensitive phenotype", <i>Program Workshop Abstracts of the 23rd Annual Meeting of The Molecular Biology Society of Japan</i> , December 2000, p. 816, with English translation and accompanying Declaration. |
| | HUGUCHI et al., "4PC-313 The product of the causal gene T23K3.2 for the cytokinin insensitive mutant functions as a cytokinin receptor in yeast," <i>Program Workshop Abstracts of the 23rd Annual Meeting of The Molecular Biology Society of Japan</i> , December 2000, p. 817, with English translation and accompanying Declaration. |
| | KAKIMOTO et al., "Success In Isolating A Receptor Of Cytokinin Which Increases Plant Growth, Onto Developing Agrochemicals", <i>Nikkei Biotech</i> , March 12, 2001, p. 12, with English translation and accompanying Declaration. |
| | INOUE et al., "Identification of CRE1 as a cytokinin receptor from <i>Arabidopsis</i> ", <i>Nature</i> , Vol. 409, February 22, 2001, pp. 1060-1063. |
| | UEGUCHI et al., "Novel Family of Sensor Histidine Kinase Genes in <i>Arabidopsis thaliana</i> ", <i>Plant Cell Physiol.</i> , Vol. 42, No. 2, 2001, pp. 231-125. |
| | SUZUKI et al., "The Arabidopsis Sensor His-kinase, AHK4, Can Respond to Cytokinins", <i>Plant Cell Physiol.</i> , Vol. 42, No. 2, 2001, pp. 107-113. |
| | MAEDA et al., "A two-component system that regulates an osmosensing MAP kinase cascade in yeast", <i>Nature</i> , Vol. 369, May 19, 1994, pp. 242-245. |
| RKH | URAO et al., "A Transmembrane Hybrid-Type Histidine Kinase in Arabidopsis Functions as an Osmosensor", <i>The Plant Cell</i> , Vol. 11, September 1999, pp. 1743-1754 |

EXAMINER:

Raul K. Hummel

DATE CONSIDERED:

9/21/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.